In the Claims:

Please amend claims 1-2 and 13 by substitution as follows:

1.   A wireless communication system being capable of supporting link adaptation comprising:

a transmitter for forming fixed length radio link control (RLC) blocks, for forming fixed length coded sub-blocks from the RLC blocks, for configuring the coded sub-blocks into transmission units being capable of supporting link adaptation at multiple code rates, for forming a downlink segment from the transmission units, for interleaving the downlink segment into an interleaved downlink segment, and for transmitting the interleaved downlink segment.

2.   The wireless communication system as recited in claim 1 comprising:

a receiver for receiving the downlink segment, for obtaining the transmission units from the downlink segment, and for decoding the RLC blocks from the transmission units.

13.   A method for communicating in a wireless communication system being capable of supporting link adaptation at multiple code rates, the method comprising the steps of:

forming fixed length radio link control (RLC) blocks;

configuring the RLC blocks into transmission units being capable of supporting link adaptation at multiple code rates;

forming a downlink segment from the transmission units;

interleaving the downlink segment into an interleaved downlink segment; and

transmitting the interleaved downlink segment.

19.   The method as recited in claim 17 wherein the step of transmitting comprises the step of transmitting the interleaved downlink segment over GSM bursts.

25.   The method as recited in claim 13 wherein the step of forming a downlink segment comprises the steps of:

forming a header indicative of the transmission units to be transmitted; and

forming a downlink segment from the transmission units and the header.

Please amend claim 31-32 and 37 by substitution as follows:

31.   The method as recited in claim 17 wherein the step of transmitting comprises the step of transmitting the interleaved downlink segment over a general packet radio services system.

32.   A method for communicating in a wireless communication system being capable of supporting link adaptation between multiple code rates and incremental redundancy, the method comprising the steps of:

forming fixed length radio link control (RLC) blocks;

combining the RLC blocks with a cyclic redundancy check sequence for error detection to form error coded RLC blocks;

processing the error coded RLC blocks to form coded sub-blocks;

assembling groups of the coded sub-blocks into transmission units based on the multiple code rates;

forming a header indicative of the transmission units;

forming a downlink segment from the transmission units and the header;

interleaving the downlink segment into an interleaved downlink segment; and

transmitting the interleaved downlink segment to a receiver.

37.   The method as recited in claim 36 wherein the step of transmitting comprises the step of transmitting the interleaved downlink segment over GSM bursts.